



Prepared for: U.S. Army Corps of Engineers, L.A. District

# **Final Public Involvement Plan for the Former Baywood Park Training Area**

## **Morro Bay, California**

**Contract No. W912PL-05-C-0008**

**Prepared by: PIKA International, Inc. and Malcolm Pirnie, Inc.**

**February 28, 2006**

**PIKA**  
INTERNATIONAL, INC.

**MALCOLM  
PIRNIE**



February 28, 2006

Commander  
U.S. Army Corps of Engineers  
Los Angeles District  
ATTN: PPMD (Tawny Tran)  
915 Wilshire Blvd  
Los Angeles, CA 90017

**Re: Final Public Involvement Plan**  
**Former Baywood Park Training Area, Morro Bay, California**  
***Contract W912PL-05-C-0008***

Dear Ms. Tran,

PIKA International, Inc. and Malcolm Pirnie, Inc. are pleased to provide to the U.S. Army Corps of Engineers (USACE) the **Final Public Involvement Plan for the Former Baywood Park Training Area (BPTA)**. Two hard copies and two compact disks of the Final Plan have been provided.

If you have any questions or comments please feel free to contact Wendy Church at (281) 340-5523 or me at (281) 253-4481.

Very truly yours,

A handwritten signature in black ink, appearing to read "Gerald C. Kitzmiller", is written over a light blue horizontal line.

Gerald C. Kitzmiller  
Project Manager

cc: See attached distribution list



<b>DISTRIBUTION LIST</b>	
<b>Addressee</b>	<b>Number of Copies</b>
Commander U.S. Army Corps of Engineers ATTN: PPMD (Tawny Tran) 915 Wilshire Blvd. Los Angeles, CA 90017	2-HC 2-CD-pdf  HC-Hard Copy CD-CD Rom
Commander U.S. Army Corps of Engineers ATTN: B.J. Allen 16885 W. Bernardo Dr., #300-B San Diego, CA 92127	1-HC 1-CD
Commander U.S. Army Corps of Engineers ATTN: Vince Del Greco (RSC Work) 333 Market Street San Francisco, CA 94105	1-CD
Commander U.S. Army Corps of Engineers ATTN: CESPKE-ED-E, John Esparza (RSC Work) 1325 J Street Sacramento, CA 95814-2922	2-HC 1-CD
Commander U.S. Army Corps of Engineers ATTN: CESPKE-SO, A.R. Smith (RSC Work) 1325 J Street Sacramento, CA 95814-2922	1-CD
U.S. Army Engineering and Support Center ATTN: CEHNC-OE-CX- Brad McCowan P.O. Box 1600 Huntsville, AL 35807-4301	1-HC 1-CD

<b>DISTRIBUTION LIST (continued)</b>	
<b>Addressee</b>	<b>Number of Copies</b>
Department of Toxic Substances Control Project Manager: Ed Walker 8800 Cal Center Drive Sacramento, Ca 95826	2-HC 1-CD
Vince Cicero State Park Resource Ecologist State of California Department of Parks and Recreation 750 Hearst Castle Road San Simeon, CA 93452	2-HC 1-CD



**FINAL PUBLIC INVOLVEMENT PLAN**

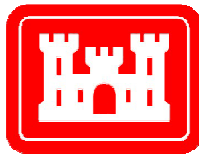
**for the**

**Former Baywood Park Training Area (BPTA)**  
**Morro Bay, California**

---

**PREPARED FOR:**

**U.S. ARMY CORPS OF ENGINEERS, L.A. DISTRICT**



**Contract No. W912PL-05-C-0008**

**PREPARED BY:**

**PIKA International, Inc. and Malcolm Pirnie, Inc.**

**Prepared: February 28, 2006**



*The views, opinions, and/or findings contained in the report are those of the author(s) and should not be construed as an official Department of the Army position, policy, or decision, unless so designated by other documentation.*

## TABLE OF CONTENTS

<b>ACRONYMS AND ABBREVIATIONS.....</b>	<b>IV</b>
<b>1.0 INTRODUCTION .....</b>	<b>1-1</b>
1.1 OVERVIEW OF PUBLIC INVOLVEMENT PLAN .....	1-1
1.2 PLAN ORGANIZATION.....	1-1
1.3 SOURCE MATERIALS .....	1-2
<b>2.0 BPTA PROPERTY DESCRIPTION .....</b>	<b>2-1</b>
2.1 BPTA HISTORY .....	2-1
2.1.1 Site History .....	2-1
2.1.2 Property Use.....	2-1
2.1.3 Explosive Safety Hazards Found at the Former BPTA .....	2-2
2.1.4 USACE Intervention .....	2-3
2.1.5 Community Reaction to the Former BPTA .....	2-3
2.2 SITE DESCRIPTION AND LOCATION .....	2-4
2.2.1 Geographical Location, Size, and Surrounding Area .....	2-4
2.2.2 The Former BPTA in Relation to Private and Public Property .....	2-4
2.3 PAST BPTA INSPECTIONS AND REMOVAL ACTIVITIES.....	2-4
2.3.1 Initial MEC Clearances at the former BPTA.....	2-4
2.3.2 Inventory Project Report.....	2-5
2.3.3 Archive Search.....	2-6
2.3.4 Interim Removal Action (IRA)/Time-Critical Removal Action (TCRA).....	2-6
2.3.5 Engineering Evaluation/Cost Analysis (EE/CA) .....	2-7
2.3.6 Potential Threat to Public Health and Safety and the Environment .....	2-8
2.3.7 Lead Agency Responsible for the Property .....	2-9
<b>3.0 COMMUNITY OUTLINE.....</b>	<b>3-1</b>
3.1 COMMUNITY PROFILE .....	3-1
3.2 HISTORY OF COMMUNITY INVOLVEMENT.....	3-4
3.3 SUMMARY OF COMMUNITY CONCERNS .....	3-5
3.4 USACE RESPONSE TO COMMUNITY CONCERNS.....	3-5
<b>4.0 THE PUBLIC INVOLVEMENT PROGRAM .....</b>	<b>4-1</b>
4.1 THE PLAN .....	4-1
4.1.1 PIP Communication Activities and Techniques .....	4-2
4.2 PROJECTED PLAN SCHEDULE .....	4-3
<b>5.0 REFERENCES.....</b>	<b>5-1</b>

**LIST OF FIGURES**

FIGURE 2-1: FORMER BAYWOOD PARK TRAINING AREA

FIGURE 2-2: REGIONAL MAP

FIGURE 2-3: LOCATIONS OF MEC CLEARANCE SWEEPS, 1950 TO 1959

FIGURE 2-4: FORMER BPTA ASR AREAS

FIGURE 2-5: INTERIM REMOVAL ACTION (IRA)

FIGURE 2-6: ENGINEERING EVALUATION/COST ANALYSIS (EE/CA)

FIGURE 2-7: BPTA TIMELINE OF EVENTS

FIGURE 3-1: MONTAÑA DE ORO STATE PARK TRAILS AND MEC WARNING  
SIGNS

**LIST OF TABLES**

TABLE 2-1: PAST AND PRESENT PROPERTY USE

TABLE 2-2: MEC CLEARANCE SWEEPS SINCE 1945

TABLE 2-3: PREVIOUS STUDIES AND DOCUMENTS SUMMARY TABLE

TABLE 3-1: COMMUNITY DEMOGRAPHICS

**APPENDICES**

A. USACE District Contacts

B. Local Officials

C. State/EPA Officials

D. Federal Elected Officials

E. Environmental and Active Citizen Groups

F. Private Land Owners

G. Media Contacts

H. Meeting Locations

I. Public Meeting Notice

J. BPTA Fact Sheet

K. BPTA Public Questionnaire

## ACRONYMS AND ABBREVIATIONS

<b>ASR</b>	<b>Archive Search Report</b>
<b>BPTA</b>	<b>Baywood Park Training Area</b>
<b>CEHNC</b>	<b>U.S. Army Engineering and Support Center, Huntsville</b>
<b>CERCLA</b>	<b>Comprehensive Environmental Response, Compensation, and Liability Act</b>
<b>CESPL</b>	<b>U.S. Army Corps of Engineers, Los Angeles District</b>
<b>CSLO</b>	<b>Camp San Luis Obispo</b>
<b>DERP</b>	<b>Defense Environmental Restoration Program</b>
<b>DoD</b>	<b>Department of Defense</b>
<b>DPR</b>	<b>Department of Parks and Recreation</b>
<b>EE/CA</b>	<b>engineering evaluation/cost analysis</b>
<b>EP</b>	<b>engineer pamphlet</b>
<b>ER</b>	<b>engineer regulation</b>
<b>FUDS</b>	<b>formerly used defense site</b>
<b>GSA</b>	<b>U.S. General Services Administration</b>
<b>HE</b>	<b>high-explosive</b>
<b>INPR</b>	<b>inventory project report</b>
<b>IRA</b>	<b>interim removal action</b>
<b>MEC</b>	<b>munitions and explosives of concern</b>
<b>mm</b>	<b>millimeter</b>
<b>MVR</b>	<b>Rock Island District</b>
<b>NCP</b>	<b>National Contingency Plan</b>
<b>OE</b>	<b>ordnance and explosives</b>
<b>PAE</b>	<b>preliminary assessment of eligibility</b>
<b>PIP</b>	<b>public involvement plan</b>
<b>SLO</b>	<b>San Luis Obispo</b>
<b>SUO</b>	<b>surface use only</b>
<b>TCRA</b>	<b>time-critical removal action</b>
<b>TPP</b>	<b>Technical Project Planning</b>
<b>US</b>	<b>United States</b>
<b>USACE</b>	<b>U.S. Army Corps of Engineers</b>
<b>USFWS</b>	<b>U.S. Fish and Wildlife Service</b>
<b>UXB</b>	<b>UXB International, Inc.</b>
<b>UXO</b>	<b>unexploded ordnance</b>
<b>WWII</b>	<b>World War II</b>

## **1.0 INTRODUCTION**

### **1.1 OVERVIEW OF PUBLIC INVOLVEMENT PLAN**

This Public Involvement Plan (PIP) is an Army document prepared to meet Army and National Contingency Plan (NCP) requirements for PIPs (See U.S. Army Corps of Engineers [USACE] Engineer Regulation [ER] 200-3-1, Chapter 8 and Engineer Pamphlet [EP] 1110-3-8, Chapter 2). This PIP was developed to ensure members of the communities of Morro Bay and Baywood Park-Los Osos, as well as San Luis Obispo County in general, are continuously informed about and given the opportunity to be involved in the Recurring Review process being conducted by the USACE, Los Angeles District (CESPL) for the former Baywood Park Training Area (BPTA). The purpose of the Recurring Review is to determine if previous response actions taken continue to minimize explosive safety risks and remain protective of human health, safety, and the environment. This PIP has been developed as part of the Recurring Review process. CESPL's objectives are to foster and maintain a climate of understanding and trust by collecting information about the concerns of these communities and affected or interested parties, and by providing accurate and timely information about planned actions and progress. The implementation of this PIP is intended to foster open, two-way communication between CESPL and community members during the Recurring Review process by coordinating with local elected officials, property owners, and the public to establish and maintain an open dialogue among all interested parties so that concerns are heard and considered. CESPL, with support from the PIKA/Malcolm Pirnie team, will oversee the implementation of the community involvement activities detailed in this plan.

### **1.2 PLAN ORGANIZATION**

This PIP includes the following sections to ensure community members are informed of the progress in the recurring review process. Section 1 states the purpose of the PIP and the sources used to develop it. Section 2 provides the history and location of the former BPTA and a list of historical documents and activities. Section 3 provides a description





of the community, a history of the community's involvement with the former BPTA and its concerns, and past steps taken by CESPL to address these concerns. Section 4 specifies the goals to be achieved in support of the overall purpose of this PIP, and states the proposed schedule for its implementation. Section 5 lists the references used to create this Plan. Appendices A through G contain lists of key community leaders and interested parties who will be contacted for community interviews and/or will receive information regarding the development of the Recurring Review. Appendix H contains the suggested location(s) for the public meeting(s). Appendix I contains the notice for the public meeting. The updated BPTA Fact Sheet is in Appendix J. Appendix K contains the BPTA Questionnaire.

### 1.3 SOURCE MATERIALS

The following source materials were used in developing the PIP:

- Earth Tech, Inc., CESPL, and U.S. Army Engineering and Support Center, Huntsville, Undated. "Partnering to Resolve Environmental Concerns during Characterization of Unexploded Ordnance (UXO) Site, Morro Bay, CA" – September 24, 2005.  
<https://www.denix.osd.mil/denix/Public/News/OSD/UXO/Conferences/Forum/Mcglochlin.pdf>
- Information on local communities in San Luis Obispo County, September 25, 2005.  
<http://www.centralcoasttourist.com/>
- Information on Montana de Oro State Park on the State Parks of San Luis Obispo (SLO) website, September 30, 2005.  
[http://www.slostateparks.com/montana de oro/default.asp](http://www.slostateparks.com/montana%20de%20oro/default.asp)

- Land Use map for the City of Morro Bay, September 29, 2005.  
<http://www.morro-bay.ca.us/mapproop.pdf>
- Land Use map for the community of Baywood Park-Los Osos, September 29, 2005.  
<http://landarch.larc.calpoly.edu/slocounty/losososlue.htm>
- Another Montaña de Oro State Park Website, September 28, 2005.  
[http://www.parks.ca.gov/?page\\_id=592](http://www.parks.ca.gov/?page_id=592)
- San Luis Obispo Tribune, 2003. “Hikers Beware of Bombs”, October 24, page A1.
- USACE, 1994. Findings, Ordnance and Explosive Waste, Archives Search Report for Former Baywood Park Training Area, San Luis Obispo County, Baywood Park, California. Project Number C09CA203106, Prepared by U.S. Army Corps of Engineers Rock Island District and United States (U.S.) Army Defense Ammunition Center and School for U.S. Army Corps of Engineers, Huntsville Division.
- USACE, 1995. Draft Engineering Evaluation and Cost Analysis of Ordnance and Explosive Waste Removal (Phase II) for Formerly Used Defense Sites (FUDS); Baywood Park Training Area, San Luis Obispo County, Los Osos, California.
- USACE, 1996. Final Environmental Assessment, Engineering Evaluation and Cost Analysis of Ordnance and Explosive Waste Removal from Formerly Used Defense Sites; Baywood Park Training Area (Phase II), San Luis Obispo County, Los Osos, California.

- USACE, 1996. Work Plan for Engineering Evaluation/Cost Analysis (EE/CA), Former Baywood Park Training Area, Morro Bay, San Luis Obispo, California. Prepared by EARTH TECH, Contract No. DACA87-95-D-0017, Delivery Order 0001.
- USACE, 1998. Engineering Manual 200-1-2, Technical Project Planning (TPP) Process.
- USACE, 2001. EE/CA Action Memorandum, Former Baywood Park Training Area, Morro Bay, San Luis Obispo, California.
- USACE, 2003. Engineering Pamphlet 75-1-4, Recurring Reviews on Ordnance and Explosives (OE) Response Actions.
- USACE, 2004. Engineering Pamphlet 1110-3-8, Public Participation in the Defense Environmental Restoration Program (DERP) for FUDS.
- USACE, 2004. Engineering Regulation 200-3-1, FUDS Program Guidance.
- U.S. Army Engineering and Support Center, Huntsville, August 2004. EE/CA Action Memorandum After Action Report for the former BPTA, Morro Bay, San Luis Obispo County, CA.
- U.S. Census website for demographic information on San Luis Obispo County, the City of Morro Bay, and the community of Baywood Park-Los Osos, September 26, 2005.  
<http://factfinder.census.gov/>

- UXB International, Inc. (UXB), 1996. Final Report for Interim Removal Action, Former Baywood Park Training Area (BPTA) Morro Bay, San Luis Obispo County, California.

## **2.0 BPTA PROPERTY DESCRIPTION**

### **2.1 BPTA HISTORY**

#### **2.1.1 Site History**

The former BPTA was used during World War II (WWII) (1943 to 1946) by the U.S. military as a training area for troop maneuvers, as well as bivouacs (camp sites) for the troops stationed at Camp San Luis Obispo and the National Guard. Camp San Luis Obispo (CSLO) was the parent installation for the former BPTA. CSLO was used by the U.S. Army from 1943-1946 as an infantry division training center during WWII. In 1965, the Camp was declared excess and turned over to the U.S. General Services Administration (GSA). The U.S. Navy and the Marine Corps troops from the Morro Bay Naval Section Base also used the BPTA as an amphibious landing training area, using a smaller portion of the site situated along the south region of the Morro Bay sand spit and the ocean front south of the sand spit. Several types of military munitions were used at the BPTA during this time. Following the end of WWII, the BPTA was declared excess, and all leases, permits, and other agreements were terminated. By 1947, the land was returned to the previous land owners. The current land use is listed in Table 2-1.

#### **2.1.2 Property Use**

The BPTA was separated into 10 areas, labeled A through J, according to their military usage. Table 2-1 lists areas A through J as delineated in the Archives Search Report (ASR) with their former uses as military training sites, the present owners, current use, and approximate size of each area (see Figure 2-1).

Much of the former BPTA property is now part of the Montaña de Oro State Park, which is extensively used for recreation (e.g. mountain biking, hiking, horseback riding, camping) by local area residents, visitors, and tourists. The State Parks of San Luis Obispo (SLO) website estimates that close to a million people visit the Park each year ([http://www.slostateparks.com/montana\\_de\\_oro/default.asp](http://www.slostateparks.com/montana_de_oro/default.asp)). In addition, several





federal- and state-listed threatened and endangered animal and plant species are present within or near the former BPTA. Of primary concern are the Morro Bay kangaroo rat, banded dune snail, and California sea-blite, all listed federally as endangered species. Also present are the western snowy plover and the Morro manzanita, both listed federally as threatened species.

TABLE 2-1: PAST AND PRESENT PROPERTY USE				
Area	Former Usage	Present Owner	Present Usage	Size (acres)
A	Amphibious Landing	California Department of Parks and Recreation (DPR)	Recreational	102
B	Amphibious Training Area	California DPR and California Department of Fish and Game	Recreational and Wildlife Refuge	398
C	Artillery Emplacement	Private	Grassland and Wooded	240
D	Exercise Area	California DPR	Recreational	165
E	Unfortified Training Area	California DPR	Recreational	483
F	Maneuver/Bivouac Area	Multiple owners, both private and public	Residential, Graze Land, and Agriculture	5652
G	Cantonment Area	Multiple owners, both private and public	Residential, Graze Land, and Agriculture	1770
H	Off-Shore Area	California DPR and California Department of Fish and Game	Recreational	100
I	Off-Site Land Area	Multiple owners, both private and public	Residential, Graze Land, and Agriculture	185
J	Exercise Area	California DPR	Recreational	50

### 2.1.3 Explosive Safety Hazards Found at the Former BPTA

Both high-explosive (HE) and practice ordnance have been found within the former BPTA. Munitions and explosives of concern (MEC) items that were recovered from within the area include:

- Small arms ammunition including .30- and .50-caliber



- 60-millimeter (mm) mortars
- 75-mm projectile
- 81-mm trench mortars
- 105-mm projectiles
- Grenades including MKII, fragmentation, M9A1 AT (rifle), M22 smoke, MKIII offensive
- Mines M1/Anti-Tank (practice)
- Bazooka rounds (2.36-inch rockets)
- Bangalore torpedoes and demolition materials such as blasting caps

Items listed above were encountered during the various clearance operations conducted during the time frames listed in Table-2-2 (MEC Clearance Sweeps since 1945).

#### **2.1.4 USACE Intervention**

An Inventory Project Report (INPR) of the former BPTA was conducted under the Defense Environmental Restoration Program, Formerly Used Defense Sites (DERP FUDS) by CESPL in 1989. At that time it was determined that the site was formerly used by the U.S. Army, the California National Guard, and the U.S. Navy and Marine Corps. The site was determined to be eligible for restoration under the DERP FUDS program. FUDS are those properties that the Department of Defense (DoD) once owned or used, but no longer controls. The Army is the executive agent for the FUDS program and the USACE is the organization that manages and directs the program administration.

#### **2.1.5 Community Reaction to the Former BPTA**

In general, there has been little community reaction to the information provided by the USACE to the public about the former BPTA. Sections 3.2 and 3.3 summarize the level of community involvement and its concerns.

## **2.2 SITE DESCRIPTION AND LOCATION**

### **2.2.1 Geographical Location, Size, and Surrounding Area**

The former BPTA consists of approximately 9,145 acres about 12 miles northwest of the city of San Luis Obispo, California (Figure 2-2). The former BPTA encompasses portions of the community of Baywood Park-Los Osos, the City of Morro Bay, the Morro Bay sand spit, and 2.5 miles of shoreline south of the sand spit, most of which is part of the Montaña de Oro State Park.

### **2.2.2 The Former BPTA in Relation to Private and Public Property**

The community of Baywood Park-Los Osos and the City of Morro Bay are partially located within the boundaries of the former BPTA. Figure 2-2 shows the location of the former BPTA with respect to these communities. Numerous homes, business, and schools are located within or in close proximity to the former BPTA.

## **2.3 PAST BPTA INSPECTIONS AND REMOVAL ACTIVITIES**

### **2.3.1 Initial MEC Clearances at the former BPTA**

Before the former BPTA was closed in 1947, a surface MEC clearance sweep was performed at the site. After the BPTA closed in 1947, eleven additional MEC clearance sweeps have taken place in different areas of the former site. Table 2-2 provides a listing of the MEC clearance sweeps that have occurred at the former BPTA since 1945. The approximate areas of MEC clearance sweeps conducted from 1950 to 1959 within the former BPTA are shown in Figure 2-3.

TABLE 2-2: MEC CLEARANCE SWEEPS SINCE 1945

Date	Performed By	Acres	Items Recovered	Comments
December 1945	1948th Service Cmd. Dud Searching Det., Hunter Liggitt Res., Jolon, CA	-	-	A surface sweep of 20,000 acres done that supposedly included Camp San Luis Obispo and BPTA. Listed rounds found, but did not distinguish between Camp San Luis Obispo and BPTA.
March 1947	USACE, Bomb Disposal Team	unknown	unknown	Site recommended for re-inspection
June 1947	Fort Ord Infantry	unknown	"duds"	All duds destroyed.
November 1950	9800th TSU-CE, Det. #14, Bomb and Shell Disposal Team	1,140	12 Rkt, AT, M6, HE, 6-Rkt, AT, M7, Prac 1-Grenade, AT, M9A1 1-Grenade	Planned 640-acre sweep. Expanded to 1,140 acres; 740 acres recommended for "SUO."
August 1951	Unspecified Bomb and Disposal Team	740	unknown	740 acres reinspected in 6 days. Reaffirmed need for "SUO" of entire 740 acres.
1953 and 1955	Major Dennis Major Lynch	487	unknown	Nature of clearance unknown. Persons in charge agreed that complete dedudding not practical due to shifting sand.
August 1958	USACE Range Clearance Team A, Carlsbad, NM	487	1 Grenade, Rifle w/safety pin; 1 Grenade, Mk II, in cntr with safety pin; 5 rkts, 2.36", bazooka; 13 sticks dynamite; Several Rkts, 2.36", practice; 1 Mine, AT, practice; Many expended .30 and .50 caliber cartridge cases; Fin sections of exploded mortars	Surface sweep only. Contamination found on all tracts of land except A-100-1.
November 1958	USACE Range Clearance Team B, Roswell, NM	40	2 Bazooka Rockets; 2 75-mm Projectiles (inert) 1 box (50 each) 50 caliber with tracer; 15 electrical blasting caps; 27 practice mines with black powder charge	Trial portion of 483-acre restricted area. Mine detector used and sub-surface search completed to a depth of 2 feet.
May-July 1959	49th Ord Det., Benicia Arsenal, CA	385	unknown	Cleared 487 acres less 102 acres. Recommended cleared land be used for any purpose deemed suitable.
February 1962	Fort Ord EOD	-	unknown	Two strips through 102-acre restricted area. Sub-surface sweep. Initiated to provide safe access to beach area. Warning signs placed around perimeter and periodic sweeps.
1995	UXB International, Inc.	166	2.36" Rockets; 60- and 81-mm Mortars; 37-, 57-, 75-, and 105-mm Projectiles; M9 Rifle Grenade M51 Fuze Smoke Grenade MK13 Flare; Bulk Explosive	96.4 acres were cleared to a depth of 3 feet, 17 acres to a depth of 2 feet, and 12.6 acres were surface swept. Area included 102 acres plus 24 acre low tide zone, plus 40 acres adjacent to east boundary of Area A.

BPTA = Baywood Park Training Area  
EOD = explosive ordnance disposal  
SUO = surface use only  
USACE = U.S. Army Corps of Engineers

Source: U.S. Army Corps of Engineers, Rock Island District, 1994

### 2.3.2 Inventory Project Report

The FUDS program has three major phases: inventory, study, and removal/remediation. The inventory phase includes searches of real estate records to verify previous DoD ownership or usage and a Preliminary Assessment of Eligibility (PAE) to determine the site eligibility and the need for cleanup. The findings of the PAE are documented in the INPR. The USACE districts determine whether the site is eligible for cleanup. They also evaluate the severity of environmental problems. In 1989 CESPL conducted an INPR of



the former BPTA under the DERP FUDS, as was mentioned in Section 2.1.3. It was determined that the BPTA was used as an off-post training site for troops stationed at Camp San Luis Obispo. A MEC project was recommended, and an archive search was initiated.

### **2.3.3 Archive Search**

The archives search was conducted in 1993 by USACE, Rock Island District (MVR) under the authority of DERP FUDS to characterize the site for potential MEC. This was achieved by conducting a thorough evaluation of historical records, personal interviews, and an on-site visual inspection. During the archive search, records were located indicating that the U.S. Army had performed numerous MEC surface clearance sweeps (see Figure 2-3). The ASR assigned hazard classifications to Areas A through J, the 10 areas delineated based on historical use, and recommended that an Interim Removal Action (IRA)/Time-Critical Removal Action (TCRA) be conducted in the 102-acre area referred to as Area A (USACE, 1994) (Figure 2-4).

### **2.3.4 Interim Removal Action (IRA)/Time-Critical Removal Action (TCRA)**

In 1995, the U.S. Army Engineering and Support Center, Huntsville (CEHNC), Alabama and its contractor performed an IRA in order to fulfill the TCRA recommendation from the ASR. The IRA covered 166 acres in Area A (including its low tide zone) and adjacent portions of Area B. Of that total, 96.5 acres were cleared to a depth of 3 feet, 17 acres were cleared to a depth of 2 feet, and 52.5 acres were cleared at the surface (Figure 2-5). The clearance depths were based on the anticipated end land use, which was determined to be wildlife refuge and recreational activities, and on the susceptibility of the soil (largely sand) to shifting and erosion. The clearance consisted of location, identification, and destruction of MEC. A total of 39,043 subsurface anomalies were excavated during the IRA. Of these, 24 were considered MEC (hazardous) and 14 were suspected MEC and all were blown in place. In addition, 171 non-hazardous MEC related items were encountered and about 8,500 pounds of scrap were recovered from the site.



### **2.3.5 Engineering Evaluation/Cost Analysis (EE/CA)**

An EE/CA was recommended by the ASR to determine the distribution of MEC in the remaining BPTA areas. In 1996 CEHNC performed an EE/CA for portions of the former BPTA encompassing 1,194 acres within Montaña de Oro State Park (Figure 2-6). The purpose of the EE/CA was to evaluate the nature and extent of MEC using a statistical sampling approach. Boundaries for the EE/CA were established based on the ASR hazard classifications. With the exception of Area A, cleared during the IRA, areas classified as containing or potentially containing MEC (Areas B, D, E, H, and J) were included in the EE/CA study. Areas not considered to contain MEC (Areas C, F, G, and I) were not investigated. New sector boundaries were established based on topography type (Beach, Bench, Dune, and Upland) (Figure 2-6). A total of 114 grids of about 0.5 acres each were sampled in February and March 1996. A total of 2,268 anomalies were investigated by the UXO technicians. No MEC were encountered, and 283 non-hazardous MEC related items were encountered. Even though no MEC were encountered during the EE/CA investigation there will always be a potential risk because the former BPTA was previously used for military training. Because of this risk, an EE/CA Action Memorandum was signed in 2001, which recommended institutional controls designed to inform and educate the public regarding the continued potential presence of MEC. The 2004 EE/CA Action Memorandum After Action Report documented implementation of the recommendations.

Table 2-3 below summarizes all the previous studies and documents related to the former BPTA. Figure 2-7 shows a timeline of events at the former BPTA, including all studies and documents.

TABLE 2-3: PREVIOUS STUDIES AND DOCUMENTS SUMMARY TABLE

Remedial Action/Study	Year	Type of Investigation/Remedy
Initial MEC Clearances	1947 to 1962	MEC surface and subsurface clearance sweeps. All MEC encountered were destroyed or removed from the BPTA.
INPR	1989	Determined the site was formerly owned and used by the DoD, and thus eligible for DERP FUDS funds.
ASR	1993 to 1994	A thorough evaluation of historical records, personal interviews, and on-site visual inspections. Classified the BPTA into 10 areas by hazard classification.
IRA/TCRA	1995 to 1996	MEC removal action at Area A and some adjacent properties. The total area cleared of MEC was 166 acres.
EE/CA	1996 to 1998	Used a statistical sampling approach to evaluate the nature and extent of MEC at the BPTA. Suggested Institutional Controls/Public Education to minimize the risk of remaining MEC at the BPTA.
EE/CA Action Memorandum	2001	Described in detail the Institutional Controls/Public Education suggested in the EE/CA.
EE/CA Action Memorandum After Action Report	2004	Documented implementation of the recommended Institutional Controls.
Recurring Review	2005 and ongoing	Evaluates whether previous response actions continue to protect human health and safety and the environment, and continue to minimize explosives safety risks.

### 2.3.6 Potential Threat to Public Health and Safety and the Environment

In 1993, the ASR documented numerous MEC surface clearance sweeps within the boundaries of the former BPTA in the 1940s and 1950s. Areas C, F, G, and I were not considered to contain MEC based on previous usage, and no further action was recommended for these areas (see Figure 2-4). However, since Area A was determined

to be an area of confirmed MEC, the ASR recommended that a TCRA be conducted in Area A.

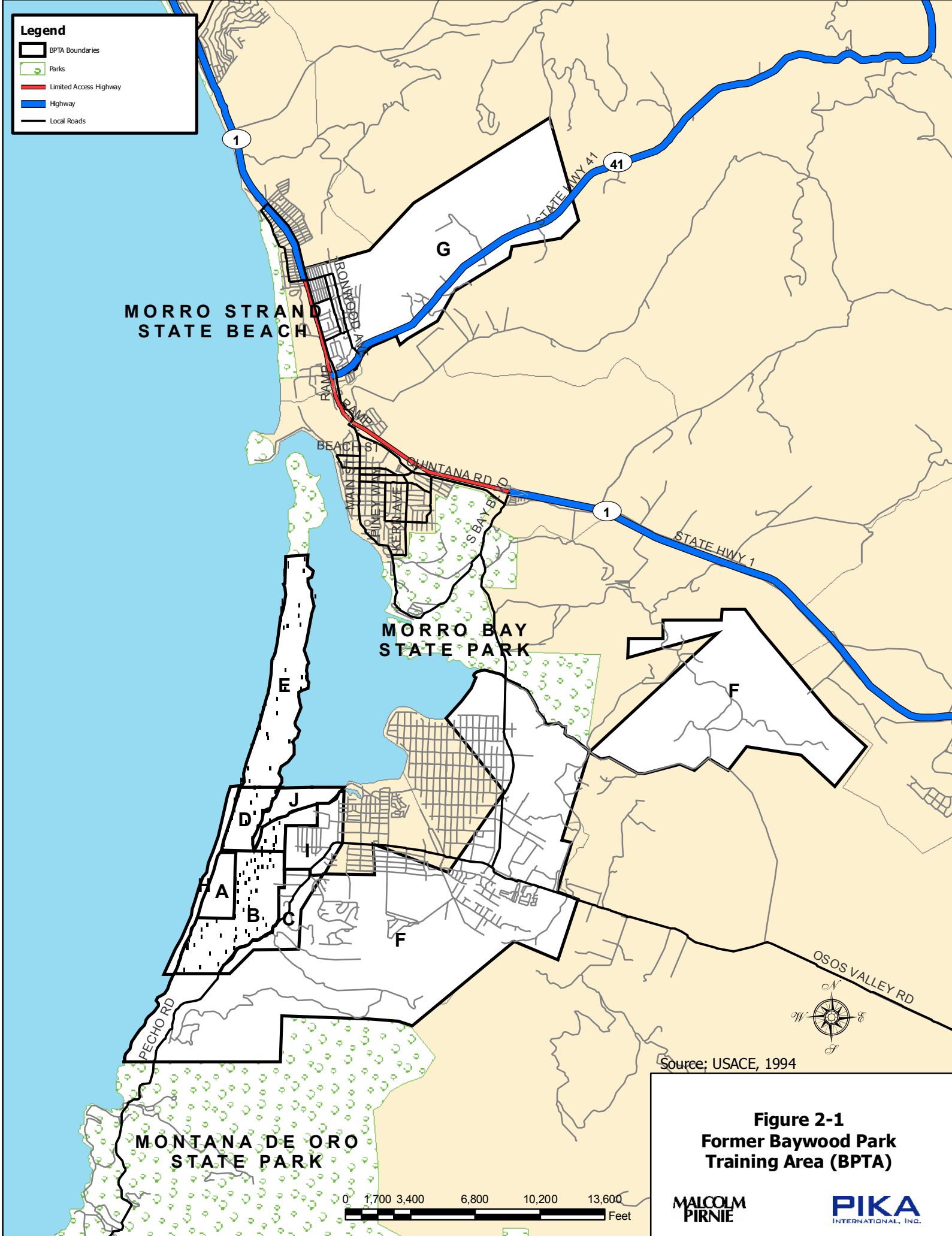
Because of this recommendation, the IRA was conducted in 1995 as described in Section 2.3.4. Following the IRA, an EE/CA was performed in Areas B, D, E, H, and J, which were considered areas of potential MEC presence in the ASR. No MEC were encountered during the EE/CA investigation; however, because this area was previously used for military training there will always be a potential risk. Because of this risk, the EE/CA recommended various types of institutional controls, which were designed to inform and educate the public regarding the continual potential presence of MEC. The institutional controls include, but are not limited to, posting warning signs, distributing informational brochures and fact-sheets, and conducting community awareness meetings. Additionally, the EE/CA Action Memorandum, 2001, established the Recurring Review schedule to meet the guidelines established by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

### **2.3.7 Lead Agency Responsible for the Property**

The DoD is responsible for environmental restoration of FUDS properties, including the former BPTA. The U.S. Army is the executive agent for the program and the USACE manages and directs the program's administration. CESPL is the lead agency for the former BPTA.

**Legend**

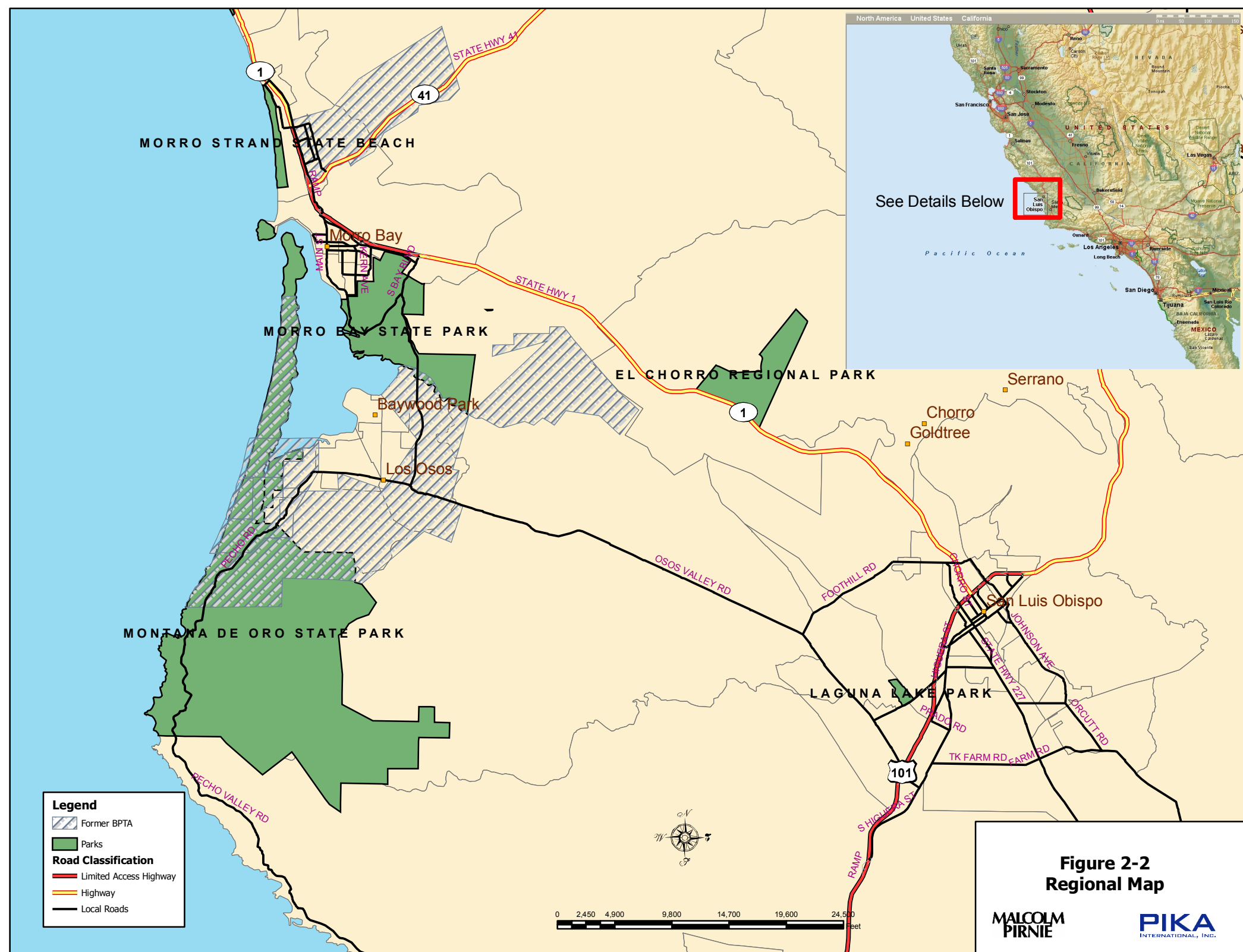
- BPTA Boundaries
- Parks
- Limited Access Highway
- Highway
- Local Roads



**Figure 2-1**  
**Former Baywood Park**  
**Training Area (BPTA)**

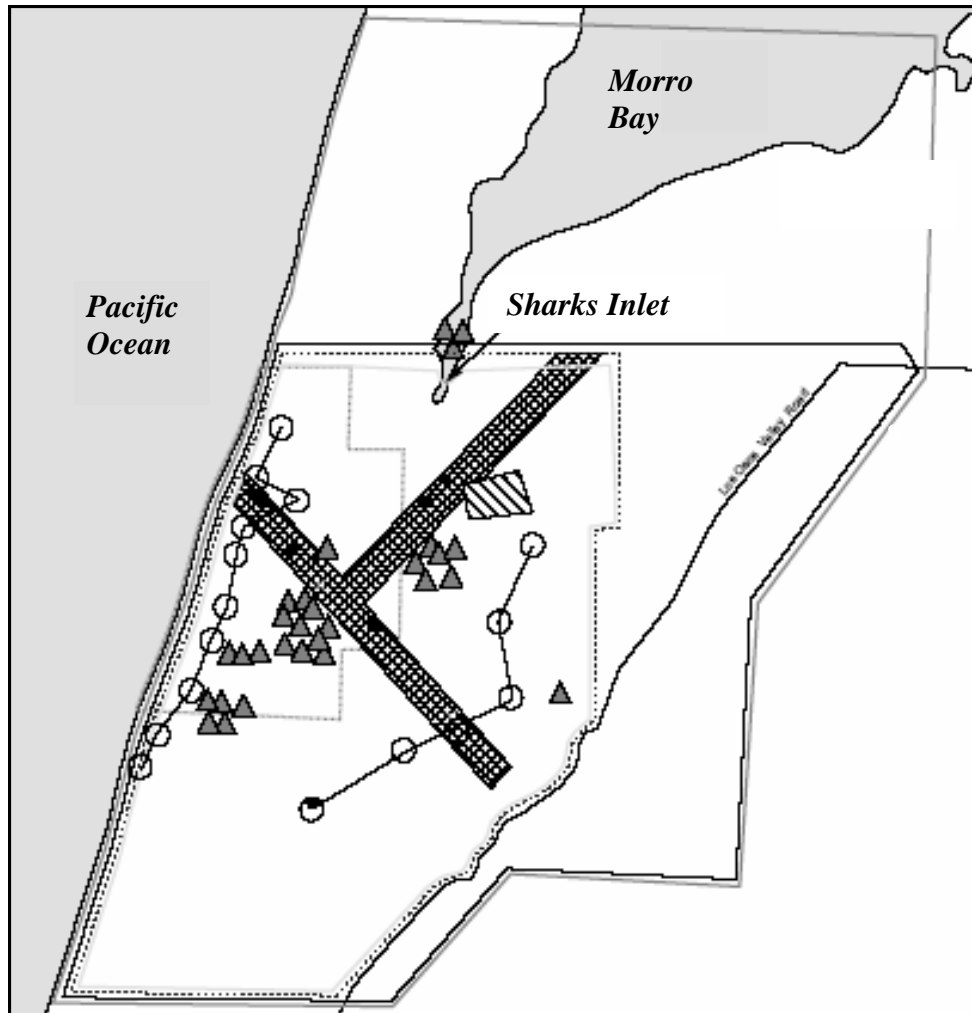
**MALCOLM**  
**PIRNIE**

**PIKA**  
INTERNATIONAL, INC.



**Figure 2-2  
Regional Map**





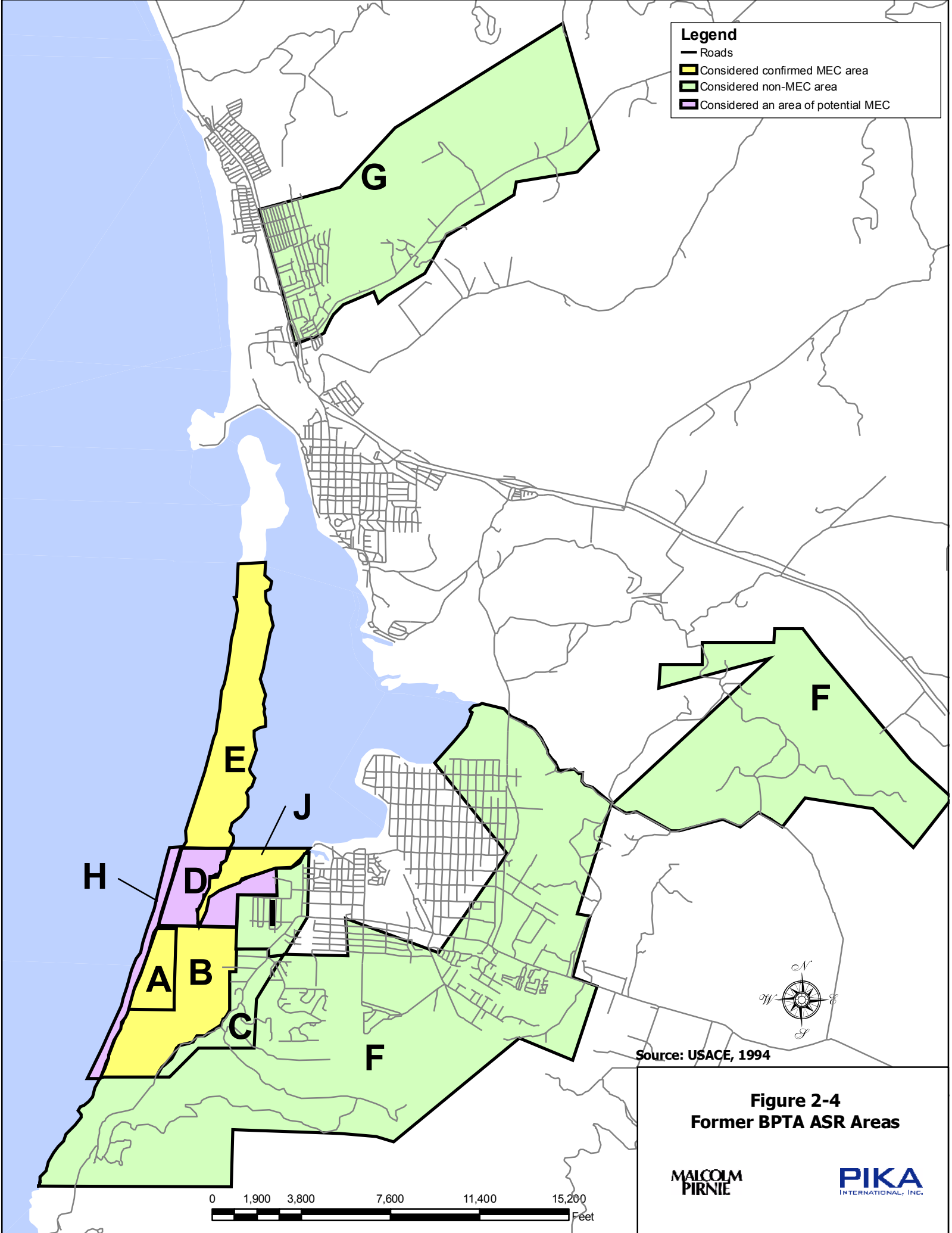
## Explanation

- 1,140-acre Cleared Area (1950)
- 740-acre Cleared Area (1951)
- ..... 487-acre Cleared Area (1958)
- 483-acre Cleared Area (1959)
- Pill Box Area
- MEC found during 1958 clearance
- ▲ MEC found by individuals
- ▨ Training Mine Field (1958 clearance)
- ▩ November 1958 Clearance Area

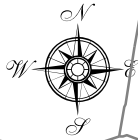
**Figure 2-3**  
**Locations of MEC Clearance**  
**Sweeps, 1950 to 1959**

**PIKA**  
 INTERNATIONAL, INC.

**MALCOLM**  
**PIRNIE**



- Legend**
- Roads
  - Considered confirmed MEC area
  - Considered non-MEC area
  - Considered an area of potential MEC



Source: USACE, 1994


**Figure 2-4**  
**Former BPTA ASR Areas**

**MALCOLM  
PIRNIE**

**PIKA**  
INTERNATIONAL, INC.

# Legend

+ IRA Grid Corners

 Surface Clearance Only

 MEC Location

IRA Area - Detailed Below

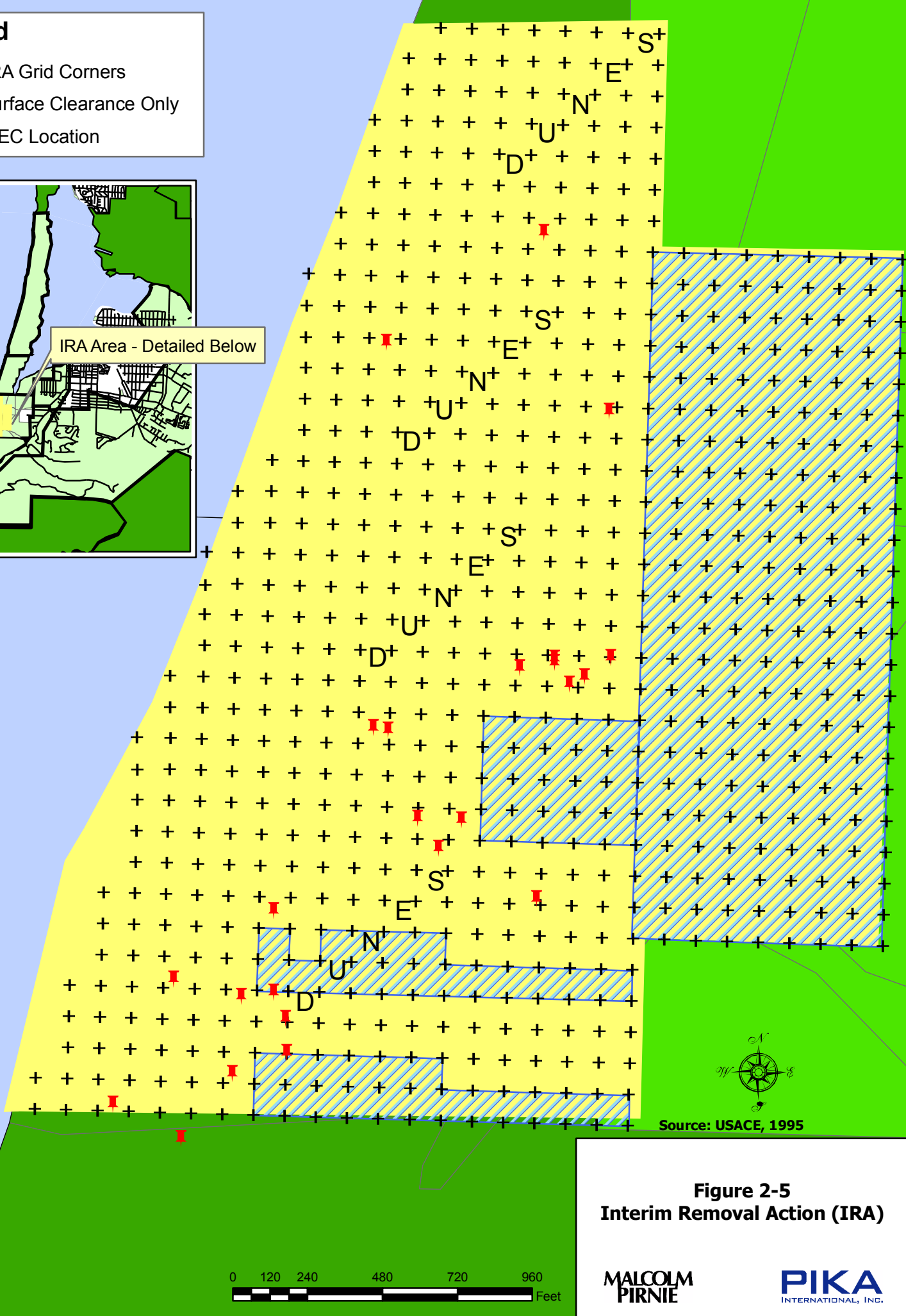
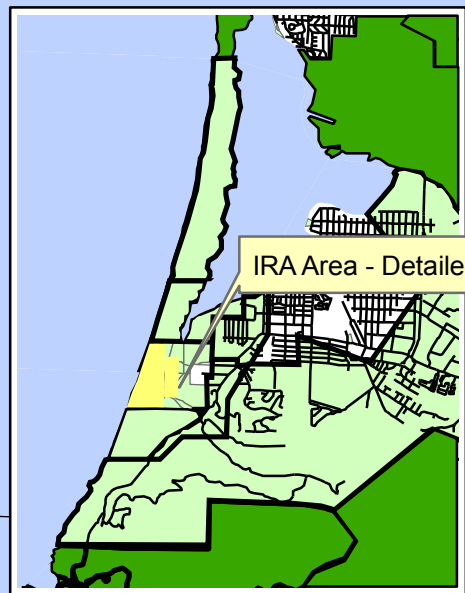
Source: USACE, 1995

**Figure 2-5**  
**Interim Removal Action (IRA)**






**MALCOLM**  
**PIRNIE**

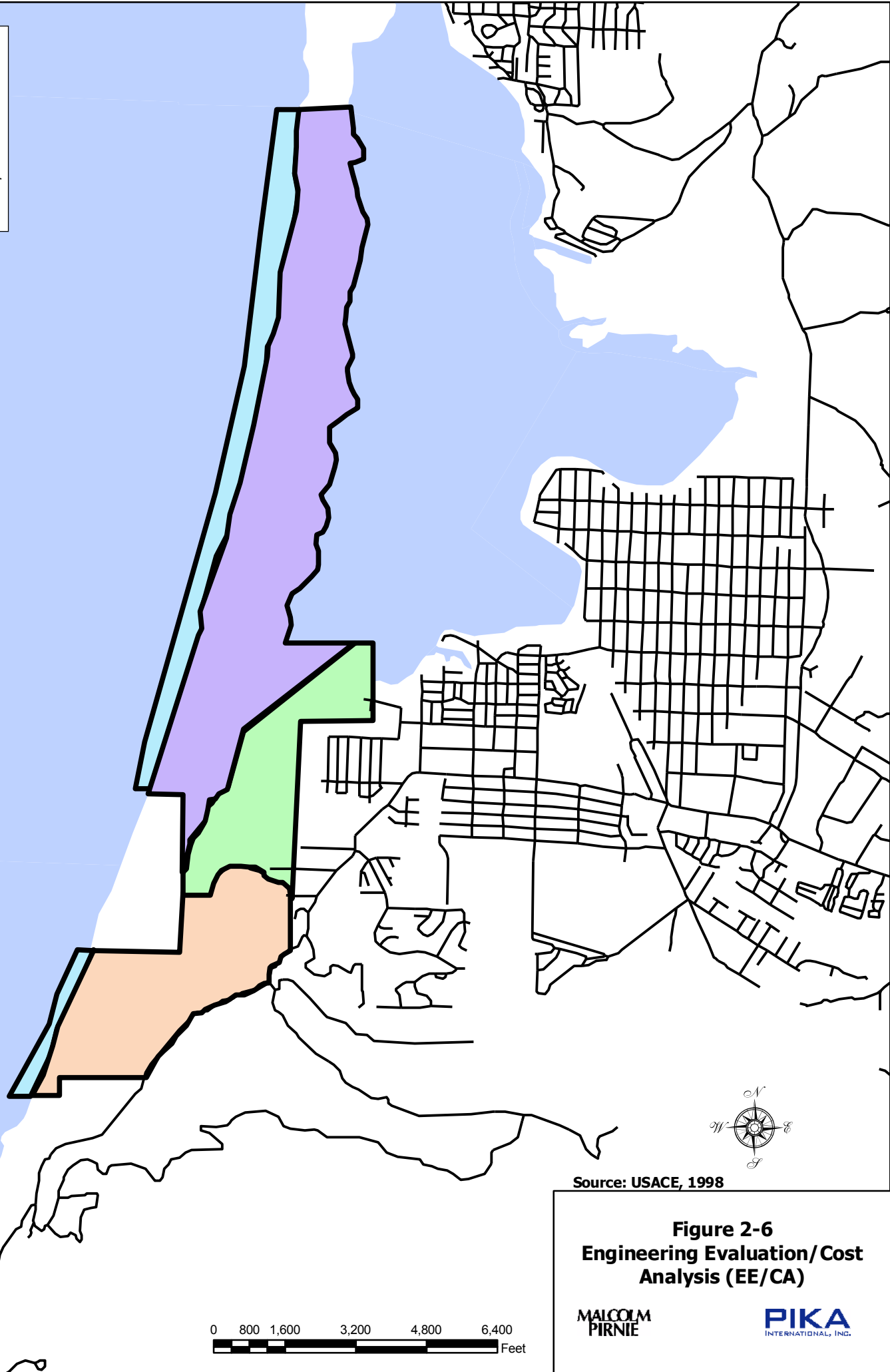
**PIKA**  
INTERNATIONAL, INC.

0 120 240 480 720 960  
Feet



**Legend**

-  Beach Sector
-  Bench Sector
-  Dune Sector
-  Upland Sector
-  Pacific Ocean

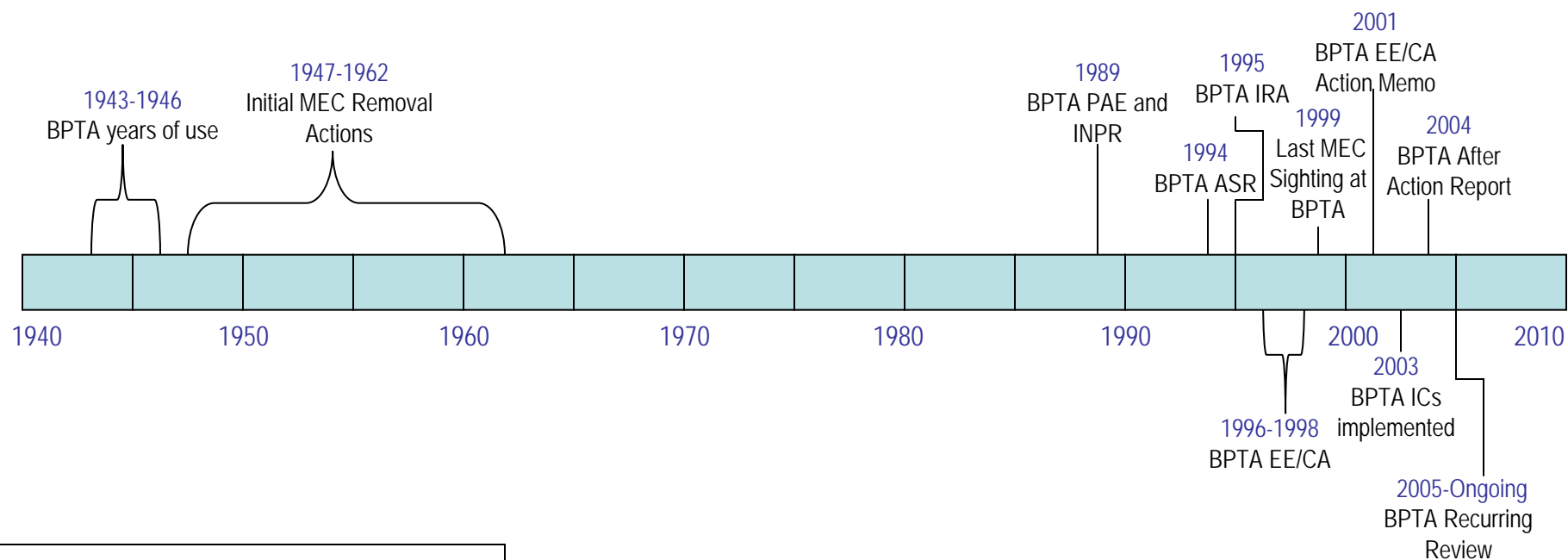


Source: USACE, 1998

**Figure 2-6**  
**Engineering Evaluation/ Cost**  
**Analysis (EE/CA)**

**MALCOLM**  
**PIRNIE**

**PIKA**  
INTERNATIONAL, INC.



### Legend

BPTA – Baywood Park Training Area  
 MEC – Munitions and Explosives of Concern  
 PAE – Preliminary Assessment of Eligibility  
 INPR – Inventory Project Report  
 ASR – Archives Search Report  
 IRA – Interim Removal Action  
 EE/CA – Engineering Evaluation/Cost Analysis  
 ICs – Institutional Controls

**Figure 2-7**  
**BPTA Timeline of Events**

**PIKA**  
INTERNATIONAL, INC.

**MALCOLM**  
**PIRNIE**

### 3.0 COMMUNITY OUTLINE

#### 3.1 COMMUNITY PROFILE

The former BPTA encompasses the community of Baywood Park-Los Osos and part of the City of Morro Bay, as well as adjacent unincorporated areas in San Luis Obispo County, California. Demographic data from the 2000 U.S. Census are listed in the table below. A part of the former BPTA is now part of Montaña de Oro State Park. The former BPTA is used for recreational, residential, and commercial purposes.

Based on data provided by the 2000 U.S. Census Bureau, all three communities have very similar backgrounds. The populations are mostly under 65 years old and predominantly white. The populations are divided evenly between male and female, and about 50% of all people over 15 years old are married. The data also reflect that the majority of the adult population holds a high school diploma, but not a bachelor's degree or higher. The average yearly family income is about \$51,000 (as of 1999). Table 3-1 summarizes the demographic data for all three communities.

TABLE 3-1: COMMUNITY DEMOGRAPHICS				
Communities		San Luis Obispo County	City of Morro Bay	Community of Baywood Park-Los Osos
<b>Population</b>		246,681	10,350	14,351
<b>Age</b>	<b>18 years and over</b>	78%	85%	78%
	<b>65 years and over</b>	15%	24%	19%
<b>Gender</b>	<b>Male</b>	51%	48%	48%
	<b>Female</b>	49%	52%	52%

TABLE 3-1: COMMUNITY DEMOGRAPHICS (CONTINUED)				
Communities		San Luis Obispo County	City of Morro Bay	Community of Baywood Park-Los Osos
Ethnicity	White	85%	89%	88%
	Hispanic or Latino and other races	10%	8%	6%
	Asian	3%	2%	5%
	African American	2%	1%	1%
Married (people over 15 years old)		54%	48%	57%
Education of Adult Population	High School Diploma	86%	91%	92%
	Bachelor's degree or higher	27%	28%	37%
Family Size		3.01	2.65	2.91
Yearly Family Income (1999)		\$52,447	\$43,508	\$55,838
Owner occupied housing units		62%	56%	70%
Renter occupied housing units		38%	44%	30%
Single family owner-occupied homes		43,799	2,277	3,329
Median Home Value		\$230,000	\$245,500	\$209,800

The City of Morro Bay is a working fishing village that supports one of California's largest and most productive commercial fishing fleets. The land use is split between commercial zones, residential areas, and recreational spaces. Its sunny, mild



Mediterranean climate and the bounty of its natural beauty have proved to be an irresistible magnet for visitors from all over California and beyond. Popular annual events in Morro Bay include a Winter Bird Festival (January), a Jazz Festival (February), Art in the Park (September), the 4<sup>th</sup> of July Celebration, and the Morro Bay Harbor Festival (October). There are one pre-school/kindergarten private school, two public elementary/middle schools, and one public high school in the city. There are no hospitals or airports in the City of Morro Bay.

The community of Baywood Park-Los Osos, also referred to simply as Los Osos, is nestled along the southern tidal estuary of Morro Bay, and is 140 feet above sea level. The community's primary land use is residential, with the downtown area being mostly commercial. Beyond the central area of Los Osos are mostly recreational spaces and agricultural areas. The variety of businesses serving the community includes art galleries, antiques, food and spirits, restaurants, specialty shops, and two waterfront inns. The Baywood Park Pier is located at the intersection of 2nd Street and El Morro Ave. overlooking the shores of the estuary. Popular annual events in Los Osos include Oktoberfest (October) and the Mozart Festival Fringe Concert on the Pier (summer). There are two public elementary schools, one public middle school, and one private school in Los Osos. There are no hospitals or airports in Los Osos.

Montaña de Oro State Park contains miles of unpopulated rocky shores and sandy beaches, and 7,828 acres of hills and eucalyptus groves. The State Parks of San Luis Obispo (SLO) website estimates that close to a million people visit the Park each year ([http://www.slostateparks.com/montana\\_de\\_oro/default.asp](http://www.slostateparks.com/montana_de_oro/default.asp)). There are 50 miles of hiking, biking, and equestrian trails providing access to the park's back-country, wooded stream canyons, tide pools, and hidden coves and beaches. Montaña de Oro State Park is southwest of the City of Morro Bay and west of Los Osos.

The Elfin Forest is a special small wilderness bordering the community of Los Osos that is an important buffer between residential development and the Morro Bay Estuary. This



unique small wilderness at the edge of the bay is a diverse and complex assemblage of natural plant communities including coastal brackish marsh, riparian woodland fringe, pygmy oak woodland, grassland, coastal dune scrub oak, and manzanita. It is also home to many threatened and endangered species.

### **3.2 HISTORY OF COMMUNITY INVOLVEMENT**

The level of community involvement concerning the former BPTA has been varied. Some community members want to be more involved in the former BPTA than others. Below are some examples of the community involvement in the past at the former BPTA.

The EE/CA Action Memorandum (March 2001) documents a public meeting held September 17, 1997, at which CESPL briefed attendees on the EE/CA process and solicited comments on the Draft EE/CA Report. Attendance was described as “light”, and concerns raised by the audience were centered on the potential impact of MEC on private property values.

The EE/CA Action Memorandum After Action Report (August 2004) documents a public meeting held in October 2003 at which CESPL held OE safety awareness training for the public and informed concerned citizens about past USACE investigations. Attendance was described as “light”, and concerns were similar to those expressed at the 1997 meeting.

According to an undated article from Earth Tech, CESPL, and Huntsville called “Partnering to Resolve Environmental Concerns during Characterization of UXO Site, Morro Bay, CA”, U.S. Fish and Wildlife Service (USFWS) and the California Department of Parks and Recreation (DPR) expressed concern that the field investigation during the EE/CA would impact sensitive species. These agencies were concerned because MEC investigations during the TCRA had caused significant damage to sensitive habitat. The article also stated that the public was displeased when the public access to the beach area was restricted during the TCRA for safety reasons.



A newspaper article in the San Luis Obispo Tribune from October 2003 explains that the Montaña de Oro State park used to be a part of the former BPTA and that MEC might remain at the park from the BPTA training.

In recent years, some owners considering selling property to Montaña de Oro State Park have expressed more interest in the former BPTA than the general public.

### **3.3 SUMMARY OF COMMUNITY CONCERNS**

The following is a summary of community concerns expressed during the IRA and EE/CA investigations in 1995 and 1996:

- Concern for human safety during the investigations
- Concern about disruption the investigations might cause, (e.g., temporary road closures and hampered public access to the Montaña de Oro State Park)
- Concern about the risk to sensitive species
- Concern about the risk to humans associated with MEC

Based on currently available information, these concerns do not persist in the community since the institutional controls were implemented at the former BPTA. Please see Figure 2-7 for a timeline of events at the former BPTA. Through a public meeting and conducting interviews with residents and local officials, CESPL will obtain more information about current community concerns. This PIP is considered a working document and may be revised in the future, in order to address changing public concerns and site conditions identified during the Recurring Review at the former BPTA and in the future.

### **3.4 USACE RESPONSE TO COMMUNITY CONCERNS**

In the past, CESPL has taken the following steps to respond to community concerns:

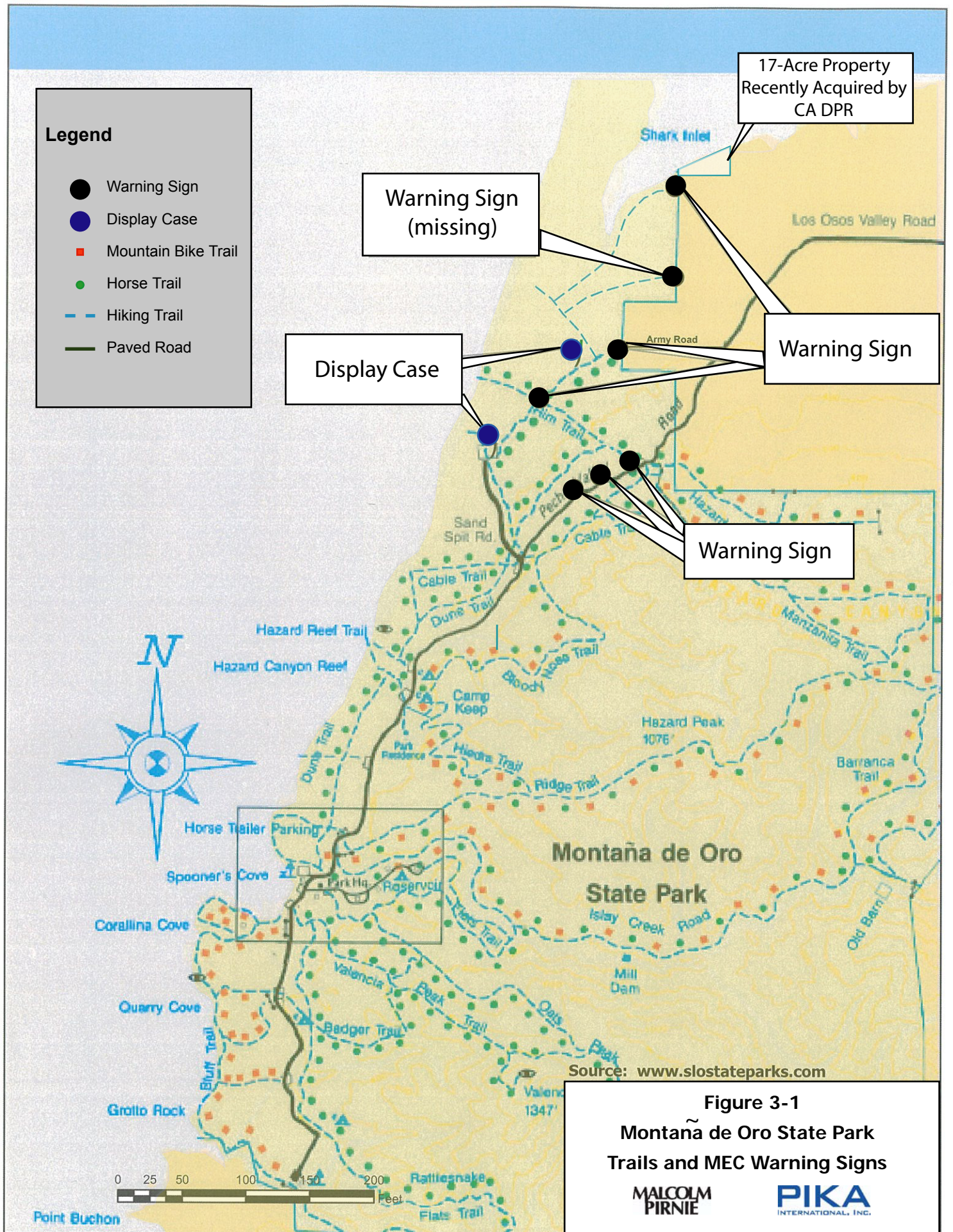


- CEP SL and its contractor partnered with the California DPR and USFWS to avoid impacting the sensitive habitat of the beach and sand dunes areas during EE/CA MEC field investigations. The former BPTA serves as habitat for the Morro Bay kangaroo rat, the banded dune snail, and the California sea-blite, all listed federally as endangered species. This area is also home to the western snowy plover and the Morro manzanita, both federally listed as threatened species.
- CESPL created an Information Repository at the South Bay Branch Library in Los Osos, CA for all public project documents.
- CESPL created informational brochures and fact sheets about the former BPTA area with a summary of the site and of past activities at the site and with information about the dangers of remaining MEC in the area. These brochures and fact sheets were distributed to the California DPR employees and to nearby schools, libraries, and other interested parties.
- As a result of the EE/CA, CESPL posted seven warning signs and two educational display cases at Montaña de Oro State Park. The signs advise park visitors to stay on primary trails due to the potential presence of MEC. The California DPR is responsible for maintaining the signs and display cases in working conditions (Figure 3-1).
- As a result of the EE/CA, OE safety awareness training was held on a voluntary basis to employees of the Montaña de Oro State Park and to the nearby communities.
- The Director of Instructional Services and Special Programs for the San Luis Obispo Coastal Unified School District was contacted concerning MEC Safety Awareness Training for students within several schools in the general vicinity of Montaña de Oro State Park. The director was provided with copies of presentations, safety videos, and

a summary of the information that would be discussed. At that time it was indicated that the district was concentrating on standardized testing requirements and that unless the information provided could help increase test scores it would not be allowed. As of the preparation of the After Action Memorandum, no MEC awareness training classes had been provided to the local school children.

- As a result of the EE/CA, information was disseminated to owners of property within the EE/CA boundaries about the potential hazards on their properties.





## **4.0 THE PUBLIC INVOLVEMENT PROGRAM**

### **4.1 THE PLAN**

The PIP for the former BPTA will provide an effective mechanism for the exchange of information among CESPL; local residents; various federal, state, county, and local officials and agencies; and the news media. It will be revised as necessary to reflect changing conditions and community concerns.

The Plan has the following objectives:

- Ensure that the public understands that CESPL's primary concern is the public's safety and health.
- Keep local residents; federal, state, county, and local officials and agencies; affected interest groups; and the news media informed in a timely manner of major project activities and recommendations. Parties to be kept informed include those listed in Appendices A through G.
- Effectively respond to the information needs of local residents and news media by providing timely responses to inquiries and requests.
- Work to create and maintain, through an active public involvement program, a climate of understanding and trust in which to share information and create opportunities for comments and discussion.



#### 4.1.1 PIP Communication Activities and Techniques

To achieve a successful PIP at the former BPTA, the following communication activities and practices will be employed:

**Public Meeting** -- A public meeting will be held before the site visit and after the agency comment period for the Draft Final Site Analysis. Other public meetings may be scheduled as needed.

**Public Notices** -- A public notice in the form of a paid advertisement in a local newspaper of general circulation will be used to announce public review and comment periods for applicable documents, public meetings, the Recurring Review schedules, the location of the Information Repository, and the project website address (Appendix I).

**Mailing List** -- With the support of the project partners and local agencies, a detailed mailing list of individuals and groups will be assembled and maintained by CESPL. Those on the list will receive mailing(s) to inform them about the Recurring Review, as necessary. If a person wishes to add their name to the mailing list, they may visit the project website, <http://www.pikainc.com/BPTA>.

**Fact Sheets** -- An updated Fact Sheet with a summary of pertinent information about the former BPTA will be made available for public distribution by California DPR and to nearby schools, libraries, and other interested parties (Appendix J).

**Questionnaire** -- A questionnaire will be posted to the website for the public asking for their specific concerns about the former BPTA and about any knowledge they might have on new site conditions (Appendix K).

**Letters** -- Throughout the Recurring Review at the former BPTA, letters may be sent to local residents, elected and agency officials, and interested groups informing them about

Recurring Review activities or upcoming meetings and addressing questions or concerns as they are communicated to CESPL. Also a letter from CESPL will be sent to all owners of property within and immediately adjacent to the former BPTA with information about the Recurring Review process and opportunities for public participation.

**Information Repository --** An Information Repository has been established for the project and is located at the Los Osos Library – South Bay Branch Library, 2075 Palisades Avenue, Los Osos, CA 93402-2606. The Information Repository contains project documents including previous investigations and studies, as well as other communications and information about the former BPTA. The Final Recurring Review Report will be available at the Information Repository when it is completed. These materials may be viewed during the library’s regular business hours. For information on library hours, call (805) 528-1862.

**Interviews --** Interviews will be conducted by phone and in person during the site visit at popular locations within the former BPTA. Some property owners will also be interviewed. The interviews will be designed to gather information about historical use and conditions of the former BPTA, recent changes, encounters with MEC, and any concerns about the BPTA or the response actions performed there.

**Website--**A project website will be available at the following address: <http://www.pikainc.com/BPTA>. The website will include project history, updates, documents, schedules, and contact information. Website visitors may add themselves to the mailing list, review notices of upcoming public meetings, fill out and submit questionnaires, and send emails directly to CESPL.

## 4.2 PROJECTED PLAN SCHEDULE

The proposed schedule for the Recurring Review is below. Please check the website for the most current schedule. This PIP will be revised as new conditions and community





concerns are assessed at the site during this Recurring Review and future Recurring Reviews.

- Public Meeting – scheduled for January 26, 2006
- Final Site Analysis – to be submitted February 1, 2006
- Final Work Plan - to be submitted May 24, 2006
- Site Visit and Interviews – scheduled for July 2006
- Final Recurring Review Report – to be submitted November 14, 2006

## **5.0 REFERENCES**

Earth Tech, Inc., CESPL, and U.S. Army Engineering and Support Center, Huntsville, Undated. “Partnering to Resolve Environmental Concerns during Characterization of UXO Site, Morro Bay, CA” – September 24, 2005.

<https://www.denix.osd.mil/denix/Public/News/OSD/UXO/Conferences/Forum/Mcglachlin.pdf>

Information on local communities in San Luis Obispo County, September 25, 2005.

<http://www.centralcoasttourist.com/>

Information on Montana de Oro State Park on the State Parks of San Luis Obispo (SLO) website, September 30, 2005.

[http://www.slostateparks.com/montana\\_de\\_oro/default.asp](http://www.slostateparks.com/montana_de_oro/default.asp)

Land Use map for the City of Morro Bay, September 29, 2005.

<http://www.morro-bay.ca.us/mapprop.pdf>

Land Use map for the community of Baywood Park-Los Osos, September 29, 2005.

<http://landarch.larc.calpoly.edu/slocounty/losososlue.htm>

Another Montaña de Oro State Park Website, September 28, 2005.

[http://www.parks.ca.gov/?page\\_id=592](http://www.parks.ca.gov/?page_id=592)

San Luis Obispo Tribune, 2003. “Hikers Beware of Bombs”, October 24, page A1.

USACE, 1994. Findings, Ordnance and Explosive Waste, Archives Search Report for Former Baywood Park Training Area, San Luis Obispo County, Baywood Park, California. Project Number C09CA203106, Prepared by U.S. Army Corps of Engineers

Rock Island District and U.S. Army Defense Ammunition Center and School for U.S. Army Corps of Engineers, Huntsville Division.

USACE, 1995. Draft Engineering Evaluation and Cost Analysis of Ordnance and Explosive Waste Removal (Phase II) for Formerly Used Defense Sites; Baywood Park Training Area, San Luis Obispo County, Los Osos, California.

USACE, 1996. Final Environmental Assessment, Engineering Evaluation and Cost Analysis of Ordnance and Explosive Waste Removal from Formerly Used Defense Sites; Baywood Park Training Area (Phase II), San Luis Obispo County, Los Osos, California.

USACE, 1996. Work Plan for Engineering Evaluation/Cost Analysis, Former Baywood Park Training Area, Morro Bay, San Luis Obispo, California. Prepared by EARTH TECH, Contract No. DACA87-95-D-0017, Delivery Order 0001.

USACE, 1998. Engineering Manual 200-1-2, Technical Project Planning (TPP) Process.

USACE, 2001. EE/CA Action Memorandum, Former Baywood Park Training Area, Morro Bay, San Luis Obispo, California.

USACE, 2003. Engineering Pamphlet 75-1-4, Recurring Reviews on Ordnance and Explosives (OE) Response Actions.

USACE, 2004. Engineering Pamphlet 1110-3-8, Public Participation in the Defense Environmental Restoration Program (DERP) for FUDS.

USACE, 2004. Engineering Regulation 200-3-1, FUDS Program Guidance.

U.S. Army Engineering and Support Center, Huntsville, August 2004. EE/CA Action Memorandum After Action Report for the former BPTA, Morro Bay, San Luis Obispo County, CA.

U.S. Census website for demographic information on San Luis Obispo County, the City of Morro Bay, and the community of Baywood Park-Los Osos, September 26, 2005.  
<http://factfinder.census.gov/>

UXB International, Inc. (UXB), 1996. Final Report for Interim Removal Action, Former Baywood Park Training Area (BPTA) Morro Bay, San Luis Obispo County, California.

**Appendix A**

**U.S. Army Corps of Engineers (USACE)  
District Contacts**

**USACE District Contacts**

U.S. Army Corps of Engineers  
ATTN: Tawny Tran  
915 Wilshire Blvd.  
Los Angeles, CA 90017

U.S. Army Corps of Engineers  
ATTN: B.J. Allen  
16885 W. Bernardo Dr. #300-B  
San Diego, CA 92127

U.S. Army Corps of Engineers  
ATTN: Vince Del Greco  
333 Market Street  
San Francisco, CA 94105

U.S. Army Corps of Engineers  
ATTN: CESPKE-ED-E, John Esparza  
1325 J Street  
Sacramento, CA 95814-2922

U.S. Army Corps of Engineers  
ATTN: CESPKE-SO, A.R. Smith  
1325 J Street  
Sacramento, CA 95814-2922

U.S. Army Engineering and Support Center  
ATTN: CESPKE-OE-CX, Brad McCowan  
PO Box 1600  
Huntsville, AL 35807-4301



**Appendix B**  
**Local Officials**

**Local Officials**

City Officials

Janice Peters  
Mayor, Morro Bay  
595 Harbor Street  
Morro Bay, CA 93442  
(805) 772-4656

Bob Hendrix  
City Manager, Morro Bay  
595 Harbor Street  
Morro Bay, CA 93442  
(805) 772-6200

Andrea Lueker  
Director, Recreation and Parks, Morro Bay  
1001 Kennedy Way  
Morro Bay, CA 93442  
(805) 772-6278

Lisa Schicker  
President, Los Osos Community Service District  
P.O. Box 6064  
Los Osos, CA 93412  
(805) 528-9370

San Luis Obispo County Officials

Tom Bordonaro, Jr.  
SLO County Tax Assessor  
1055 Monterey St., Suite D-360  
San Luis Obispo, CA 93408  
(805) 781-5643

John Eupharat  
SLO County Principal Planner  
1035 Palm Street, Room 310  
San Luis Obispo, CA 93401  
(805) 781-5600





Shirley Bianchi  
2nd District Supervisor  
County Government Center  
San Luis Obispo, CA 93408  
(805) 781-5450

Patrick Hedges  
San Luis Obispo County Sheriff  
P.O. Box 32  
1585 Kansas Avenue  
San Luis Obispo, CA 93406  
(805) 781-4540

Dan Turner  
San Luis Obispo County Fire Chief  
635 North Santa Rosa Street  
San Luis Obispo, CA 93401  
(805) 543-4244

Edward T. Valentine, Ed.D.  
Superintendent, San Luis Coastal Unified School District  
1500 Lizzie St.  
San Luis Obispo, Ca. 93401  
(805) 549-1200

LTC Kelly A. Fisher  
CSLO Garrison Commander  
Camp San Luis Obispo  
P.O. Box 4360, Bldg. 738  
San Luis Obispo, CA 93403-4360  
(805) 594-6515

Pete Jenny  
Manager for the SLOC Parks  
1087 Santa Rosa Avenue  
San Luis Obispo, CA 93408

State Officials

Abel Maldonado  
State Senator, District 15  
San Luis Obispo District Office  
1356 Marsh St.



San Luis Obispo, CA 93401  
(805) 549-3784

Sam Blakeslee  
State Assemblyman, District 33  
San Luis Obispo District Office  
1104 Palm Street  
San Luis Obispo, CA 93401  
(805) 549-3381

Vince Cicero  
Senior Environmental Scientist  
State of California, Department of Parks and Recreation  
750 Hearst Castle Road  
San Simeon, CA 93452  
(805) 927-2185

Nick Franco  
District Superintendent  
San Luis Obispo Coast District  
750 Hearst Castle Road  
San Simeon, CA 93452

Greg Smith  
Coastal Sector Superintendent  
San Luis Obispo Coast District  
Morro Bay State Park Road  
Morro Bay, CA 93442

Charles Lester  
Deputy Director, California Coastal Commission  
725 Front Street  
Santa Cruz, CA 95060-4508  
(831) 427-4863

Rob Floerke  
Regional Manager  
California Department of Fish and Game  
P.O. Box 47  
Yountville, CA 94599  
(707) 944-5517

Dave Smith  
MLRA Office Leader



California Natural Resource Conservation Service  
USDA Lyng Service Center  
430 G Street #4164  
Davis, CA 95616-4164  
(530) 792-5640

Al Wright  
Executive Director  
State of California Wildlife Conservation Board  
1807 13th Street, Suite 103  
Sacramento, CA 95814  
(916) 445-8448

Governor Arnold Schwarzenegger  
State Capitol Building  
Sacramento, CA 95814  
(916) 445-2841

**Appendix C**  
**State/EPA Officials**

**State EPA Officials**

Alan Lloyd, Ph.D.  
Agency Secretary  
California Environmental Protection Agency  
Contact: Joy Nahigian  
1001 I Street  
P.O. Box 2815  
Sacramento, CA 95812-2815  
(916) 323-2514

Ed Walker  
Project Manager  
Department of Toxic Substances Control  
8800 Cal Center Drive  
Sacramento, CA 95826  
(916) 255-4988

Jim Austreng  
Department of Toxic Substances Control  
8800 Cal Center Drive  
Sacramento, CA 95826  
(916) 255-3700

Don Diebert  
Department of Toxic Substances Control  
8800 Cal Center Drive  
Sacramento, CA 95826  
(916) 255-3728

**Appendix D**  
**Federally Elected Officials**

**Federally Elected Officials**

U.S. Senator Dianne Feinstein  
United States Senate  
331 Hart Senate Office Building  
Washington, DC 20510  
(202) 224-3841

U.S. Senator Barbara Boxer  
United States Senate  
112 Hart Senate Office Building  
Washington, D.C. 20510  
(202) 224-3553

U.S. Representative Lois Capps  
1411 Marsh Street, Suite 205  
San Luis Obispo 93401  
(805) 546-8348

**Appendix E**

**Environmental and Active Citizens Groups**



**Environmental and Active Citizens Groups**

San Luis Obispo County Historical Society  
696 Monterey Street  
San Luis Obispo, CA 93406-1391

Central Coast Resource Conservation & Develop Council, Inc.  
545 Main Street, Suite B-1  
Morro Bay, CA 93442  
(805) 772-5623

Environmental Center of San Luis Obispo County  
1204 Nipomo Street  
San Luis Obispo, CA 93401  
(805) 544-1777

Morro Bay National Estuary Program  
601 Embarcadero, Suite 11  
Morro Bay, CA 93442  
(805) 772-3834

Land Conservancy of San Luis Obispo County  
P.O. Box 12206  
San Luis Obispo, CA 93406  
(805) 544-9096

The Conservation Fund  
1100 South Coast Highway, Suite 312  
Laguna Beach, CA 92651  
(949) 494-8034

Central Coast Natural History Association  
State Park Road  
Morro Bay, CA 93442  
(805) 772-2694

California Rangeland Trust  
Zone 8  
Steve Sinton  
Shandon, CA 93461  
(805) 238-9495



Vote the Coast  
P.O. Box 1022  
Malibu, CA 90265  
(310) 456-5674

SLO Coast Alliance  
PO Box 14422,  
San Luis Obispo, CA 93406

Central Coast Salmon Enhancement, Inc.  
Post Office Box 277  
Avila Beach, CA 93424  
(805) 473-8221

Morro Bay Greenbelt Alliance (MEGA)  
P.O. Box 6801  
Los Osos, CA 93412

California Native Plant Society  
2707 K Street, Suite 1  
Sacramento, CA 95816-5113  
(916) 447-2677

California Coastal Conservancy  
Terri Nevins  
Regional Manager, Central Coast  
(510) 286-1015

Trust for Public Land  
Western Regional Office  
116 New Montgomery St., 3rd Floor  
San Francisco, CA 94105  
(415) 495-5660

U.S. Fish and Wildlife Service  
2027 Preisker Lane, Suite B  
Santa Maria, California 93454-1147  
(805) 614-6177

Morro Coast Audubon Society  
PO Box 1507  
Morro Bay, CA 93443



Nature Conservancy  
201 Mission Street, 4th Floor  
San Francisco, CA 94105  
(415) 777-0487

Central Coast Concerned Mountain Bikers  
440 D Street  
Cayucos, CA 93430

**Appendix F**  
**Private Land Owners**

**Appendix G**  
**Media Contacts**

## Media Contacts

### Newspaper

San Luis Obispo Tribune  
3825 S. Higuera St.  
San Luis Obispo, CA 93406  
(805) 781-7800

Bay News  
950 Los Osos Valley Road  
Suite A-1  
Los Osos, CA 93402

New Times  
505 Higuera Street  
San Luis Obispo, CA 93401

### Radio

KCBX Public Radio, FM 90  
4100 Vachell Lane  
San Luis Obispo, CA 93401  
(805) 549-8855  
In California: 1-800-549-8855

KVEC  
51 Zaca Lane  
San Luis Obispo, CA 93401

### Television

KSBY-TV  
1772 Calle Joaquin  
San Luis Obispo, CA 93405  
(805) 541-6666

**Appendix H**  
**Meeting Locations**

**Meeting Locations**

Morro Bay Museum of Natural History  
State Park Road  
Morro Bay, CA 93442

Morro Bay Community Center  
1001 Kennedy Way  
Morro Bay, CA 93442



**Appendix I**

**Public Meeting Notice**

## **PUBLIC NOTICE**

### **Former Baywood Park Training Area**

#### **PUBLIC MEETING**

**Date: January 26, 2006 Time: 6:00 P.M.**

**Morro Bay Community Center**

**1001 Kennedy Way**

**Morro Bay, CA 93442**

The U.S. Army Corps of Engineers, Los Angeles District, invites you to attend an information meeting regarding the Recurring Review underway for the former Baywood Park Training Area (BPTA). The meeting will take place on **January 26, 2006 at 6:00 PM at the Morro Bay Community Center (1001 Kennedy Way, Morro Bay, CA 93442)**. The purpose of the meeting is to explain the Recurring Review process, to gather information and opinions from the public, and to answer questions. The Recurring Review is a periodic evaluation conducted by the U.S. Army Corps of Engineers to verify that previous response actions taken at a site continue to minimize explosives safety risks and to protect human health and safety and the environment. The BPTA was used during World War II as a munitions training area by the U.S. military. The public meeting will also offer a brief history of past military training activities at the former BPTA, a summary of past response actions conducted by the U.S. Army Corps of Engineers, and an explanation of the institutional controls implemented to protect the public.

Key documents relating to previous response actions at the former BPTA are available for viewing at the Information Repository: South Bay Branch Library, 2075 Palisades Avenue, Los Osos, California (805-528-1862). Additional information is available at the project website: <http://www.pikainc.com/BPTA>. Please visit the website for a list of upcoming Recurring Review events and opportunities for public involvement. You may contribute by participating in the public meeting, responding to an on-line questionnaire, and providing comments on pertinent project documents.

This Recurring Review is tentatively scheduled to conclude on September 30, 2006 with the completion of a Recurring Review report. This report will be available for public review and comment through the previously mentioned Information Repository and project website. The Draft Final Public Involvement Plan is available for review at the Information Repository and the project website until February 14, 2006. Any pertinent comments received will be addressed in the Final Public Involvement Plan archived at the repository. Any changes to the project schedule will be posted to the website. Questions or concerns may be directed to:

**U.S. Army Corps of Engineers, Los Angeles District**

**Public Affairs Office**

**Attn: Jay Field**

**915 Wilshire Boulevard Suite 980**

**Los Angeles, CA 90017**

**(213) 452-3717**



**Appendix J**  
**BPTA Fact Sheet**



# Former Baywood Park Training Area

## San Luis Obispo County, California

Fact Sheet

2005-2006

### SITE LOCATION

The former Baywood Park Training Area (BPTA), part of which is now the Montaña de Oro State Park (Exhibit A), is situated along the central California coast, immediately south of the city of Morro Bay, approximately 13 miles west of the city of San Luis Obispo.

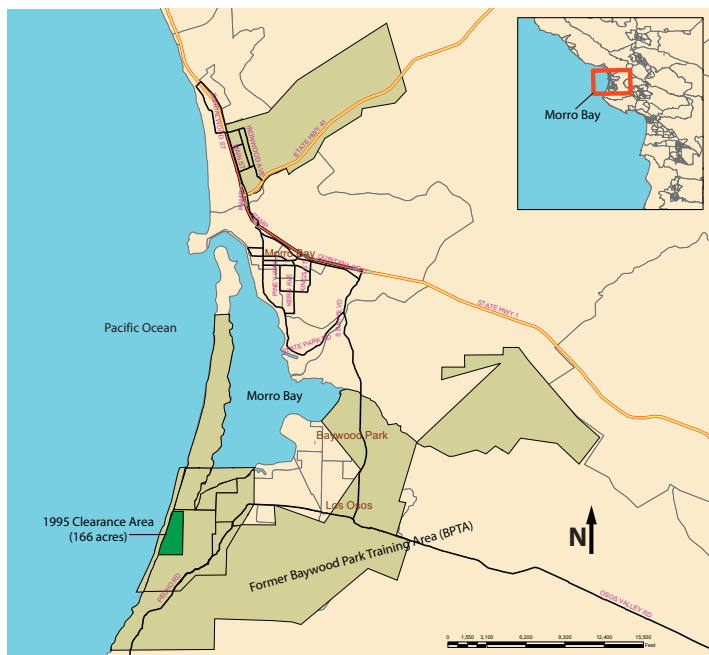


Exhibit A

### SITE HISTORY

The BPTA was used during World War II (1943 to 1946) by the U.S. military as a training area for troop maneuvers, as well as bivouacs (camp sites) for the National Guard and for the troops stationed at Camp San Luis Obispo and the National Guard. The U.S. Navy and the Marine Corps troops from the Morro Bay Naval Section Base also utilized the BPTA as an amphibious landing training area, using a smaller portion of the site situated along the south region of the Morro Bay sand spit and the ocean front south of the sand spit. Various types of military munitions were used at the BPTA during this time. Following the end of World War II, the BPTA was declared excess, and all leases, permits, and other agreements were terminated. By 1947, the land was returned to its previous owners.

### INVESTIGATIONS FOR MUNITIONS AND EXPLOSIVES OF CONCERN (MEC)

Previous investigations at the former BPTA have identified the presence of munitions and explosives of concern (MEC), including unexploded ordnance (UXO). According to the Archives Search Report (ASR), (U.S. Army Corps of Engineers [USACE], 1994), between 1945 and 1955, the U.S. Army performed eight MEC surface clearance actions on the portion of the former BPTA referred to in the ASR as the “amphibious training area”.

In 1994 and 1995, the USACE performed a MEC clearance for 166 acres of the former BPTA (Exhibit A) recovering 24 MEC (hazardous) and 14 suspected MEC. In 1996, the USACE conducted an Engineering Evaluation/Cost Analysis (EE/CA) investigation at the former BPTA to determine the type, location, and depth of any remaining MEC. There were no hazardous MEC items found during this investigation; however, 283 MEC scrap (inert and nonhazardous) items were recovered. To address the residual MEC risk to the public at the former BPTA, institutional controls (ICs) (i.e., MEC warning signs, MEC educational display cases, informational brochures/fact sheets, and ordnance and explosives [OE] safety awareness training) were implemented.

The USACE installed seven MEC warning signs and two educational display cases within a portion of the former BPTA where MEC was previously recovered (Exhibit B).

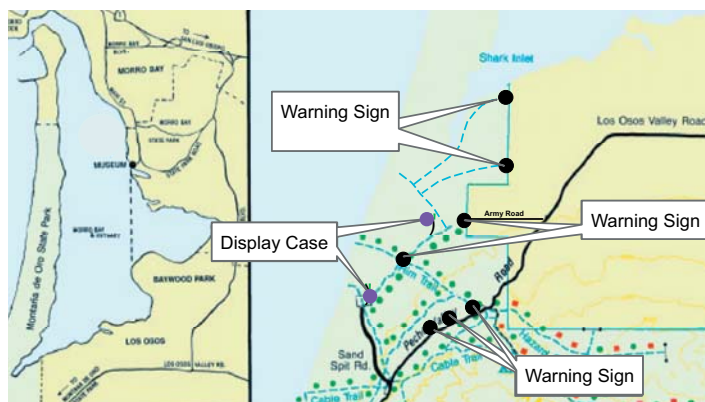


Exhibit B

Relevant project documents pertaining to past military activities and ordnance-related investigations are the former Baywood Park Training Area can be viewed at the following information repository:

South Bay Branch Library  
2075 Palisades Avenue  
Los Osos, CA 93402  
(805) 528-1862

Informational brochures and fact sheets regarding the MEC hazard risk to the public were distributed to the CA DPR employees and to nearby schools, libraries, and other interested parties. OE safety awareness training was offered on a voluntary basis to employees of Montaña de Oro State Park and to the surrounding local community.

Currently, USACE, Los Angeles District (CESPL) is performing a Recurring Review at the former BPTA as part of the Army's Munitions Response Program (MRP), to evaluate whether previously implemented munitions response actions continue to minimize explosives safety risks and to protect human health and safety and the environment.

## BE ALERT!

While the chances of encountering MEC are slim, you should be wary of any type of old metal you might find at the state park. The general rule (to follow) is: **DO NOT TOUCH** a suspicious item regardless of what you think it may be. The objects of concern include MEC items such as mortar and artillery rounds, bazooka rockets, bangalore

torpedos, practical mines, dynamite, blasting caps, rifle and hand grenades, and small arms ammunition. These items may contain high explosives. Regardless of age, MEC retains its explosive potential. With time, some of these items can become more sensitive and detonation possibly can occur with the slightest touch causing severe injury or death.

## WARNING

**UNEXPLODED ORDNANCE AND DANGEROUS  
EXPLOSIVE PARTS MAY REMAIN**



**DO NOT TOUCH!  
CALL 911**

For more information regarding the Recurring Review process or safety issues at the former Baywood Park Training Area, please visit our website at <http://www.pikainc.com/bpta> or contact:

**U.S. Army Corps of Engineers  
Los Angeles District  
Public Affairs Office  
915 Wilshire Boulevard  
Suite 980  
Los Angeles, CA 90017  
(213) 452-3717**

## Tips to be SAFE:

- **STAY** on established roads and trails
- **READ** all informational park displays and warning signs
- **DO NOT TOUCH** anything suspicious
- If you find something suspicious, place something next to the item so you can remember where it is and **CALL 911** or contact:



**San Luis Obispo County  
Sheriff's Office  
1585 Kansas Avenue  
San Luis Obispo, CA 93404  
(805) 781-4550**

**Appendix K**  
**BPTA Public Questionnaire**

# Former Baywood Park Training Area Questionnaire

Please answer the following questions. We appreciate your input into the former Baywood Park Training Area Recurring Review. Please visit our website <http://www.pikainc.com/bpta> for more information on the history of the former Baywood Park Training Area and the Recurring Review process. You are also welcome to fill out this questionnaire through the website. If you wish to be added to the mailing list, please include your name and contact information. All contact information will be kept confidential.

## DATA REQUIRED BY THE PRIVACY ACT

AUTHORITY: 33 CFR 327

PRINCIPAL PURPOSE: As part of the USACE's Recurring Review Process for the former Baywood Park Training Area (BPTA): To provide a means for the community to contact the USACE with questions or concerns about the former BPTA. To develop a mailing list for future distribution of information about the former BPTA. To conduct the Recurring Review in an atmosphere of public understanding, trust and mutual cooperation. All interested individuals and agencies are to be informed and afforded an opportunity to be heard and their views considered in arriving at conclusions, decisions, and recommendations regarding the Recurring Review Process.

ROUTINE USES: For determining community interest and/or concern and for developing mailing lists for distribution of information regarding the former BPTA.

DISCLOSURE: Voluntary. Failure to provide information may result in not being contacted with additional information about the former BPTA.

<b>Full Name</b>					
<b>Affiliation</b>					
<b>Address</b>					
<b>City</b>		<b>State</b>		<b>Zip Code</b>	
<b>Telephone</b>	<b>Work</b>		<b>Home</b>		
<b>Questions</b>					
<b>1. A Recurring Review is being conducted at the former Baywood Park Training Area. Have you heard of this review? If so, do you remember when and how you learned of it?</b>					
<b>2. What special interests or concerns do you have about the former Baywood Park Training Area or about the Recurring Review process and why is this of particular interest or concern?</b>					

**3. What is your relationship to the former Baywood Park Training Area? How are you in contact with the property (e.g. property owner, community member, member of a group that uses the property)? If you use the property, how do you use it? How often do you visit the property?**

**4. Have you ever seen an ordnance item or what you thought might be an ordnance item on former Baywood Park Training Area property? If yes, when and where?**

**5. Would you know what to do if you found an item suspected to be ordnance related? Whom would you contact?**

**6. Have any of your friends or neighbors talked with you to express interest in or concern about the former Baywood Park Training Area or the Recurring Review process? If so, what were their concerns or interests?**



<p><b>7. How do you receive information about local events and news (i.e. radio, television, newspapers, internet)?</b></p>
<p></p>
<p><b>8. Have you ever communicated with any Corps of Engineers, state, or environmental officials about the former Baywood Park Training Area? If so, were they responsive to your questions or concerns?</b></p>
<p></p>
<p><b>9. How would you describe the public perception of the former Baywood Park Training Area and the Recurring Review process?</b></p>
<p></p>
<p><b>10. Do you have any additional questions or comments about the former Baywood Park Training Area or the Recurring Review process? Please include your name and contact information if you would like a response.</b></p>
<p></p>

Mail to:	Fax to:
<b>U.S. Army Corps of Engineers,  Los Angeles District  Attn: Public Affairs Office  915 Wilshire Boulevard  Suite 980  Los Angeles, CA 90017</b>	<b>U.S. Army Corps of Engineers,  Los Angeles District  Public Affairs Office  (213) 452-4209</b>